



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

# INDEX TO VOLUME VI.

	PAGE
ABSTRACTS:	
Clastic Huronian Rocks of Western Ontario and the Relations between Laurentian and Huronian. A. P. Coleman - - - - -	212
Note on an Area of Compressed Structure in Western Indiana. George H. Ashley - - - - -	118
Sands and Clays of the Ottawa Basin. R. W. Ells - - - - -	117
Syenite-porphry Dikes in the Adirondacks. H. P. Cushing - - - - -	119
Topography and Glacial Deposits of the Mohawk Valley. A. P. Brigham	211
Weathering of Alnoite in Manheim, N. Y. C. H. Smyth, Jr. - - - - -	331
Adams, F. D. Laurentian Area, North of St. Lawrence River. Noticed - - - - -	850
Adirondacks, Syenite-porphry Dikes in. H. P. Cushing. (Abstract) - - - - -	119
Aguilar, R. Bibliografía Geológica y Minera de la República Mexicana. Reviewed by H. F. Bain - - - - -	763
American Museum of Natural History, Bulletin. Reviewed by Stuart Weller	326
Amphibia, Development and Geological Relations of. R. C. Case - - - - -	500
Analyses, Rock: 276, 378, 381, 382, 386, 387, 388, 484, 485, 487, 499, 793, 794, 795, 798, 800, 803, 804, 806	
Arkansas Novaculite, Notes on. O. A. Derby - - - - -	366
Arkansas, Stratigraphical Equivalents of the Coal Measures of. C. R. Keyes - - - - -	356
Ashley, Geo. H. Area of Compressed Structure in Western Indiana - - - - -	118
A Study of some Examples of Rock Variation. J. Morgan Clements - - - - -	372
Atlas, U. S. Geologic, Folio 37, Downieville, Cal. H. W. Turner. Reviewed	324
U. S. Geologic, Folio 41, Sonora, Cal. H. W. Turner and F. L. Ransome. Reviewed - - - - -	441
U. S. Geologic, Folio 42, Bidwell Bar, Cal. H. W. Turner. Reviewed	542
U. S. Geologic, Three Forks Folio. A. C. Peale. Noticed - - - - -	844
U. S. Geologic, Folio 30, Yellowstone Park. A. Hague, W. H. Weed and J. P. Iddings. Noticed - - - - -	846
Topographic of U. S. Physiographic Types. Henry Gannett. Reviewed by W. M. Davis - - - - -	431
Atmosphere, Changes in. T. C. Chamberlin - - - - -	459
Atmosphere, The Influence of Great Epochs of Limestone Formation upon the Constitution of the. T. C. Chamberlin - - - - -	609
Aves, Development and Geological Relations of. E. C. Case - - - - -	816
Bain, H. F.—Editorials: Academies, State, of Science - - - - -	112
Carbonic Acid in the Atmosphere - - - - -	113
Omaha and Vicinity, Topographic Map of - - - - -	650

	PAGE
Bain, H. F.—Reviews: Bibliografía Geológica y Minera de la República Mexicana. R. Aguilar - - - - -	763
Bibliography and Index of North American Geology, Palæontology and Mineralogy for 1896. F. B. Weeks - - - - -	763
Clay Deposits and Clay Industry in North Carolina. North Carolina Geological Survey, Bulletin 13. Heinrich Reis - - - - -	545
Bain, H. F. and A. G. Leonard. The Middle Coal Measures of the Western Interior Coal Fields - - - - -	577
Balch, D. M. Referred to - - - - -	792
Bascom, Florence. Volcanic Rocks, South Mountain, Pa. Noticed - -	530
Batesville Sandstone of Arkansas. S. Weller. Reviewed by C. R. Keyes -	652
Bayley, W. S. Geology of Marquette District. Noticed - - - -	739
Referred to - - - - -	804
Bibliografía Geológica y Minera de la República Mexicana. R. Aguilar. Reviewed by H. F. Bain - - - - -	763
Bibliography and Index of North American Geology, Palæontology, Petrography and Mineralogy for 1896. F. B. Weeks. Reviewed by H. F. Bain -	763
BIBLIOGRAPHY:	
Amphibia and Reptilia 523, 646, 735, Birds 820, Fishes 416, Mammalia 839, Physics and Chemistry of Solids 318, Recent Publications 214, 444, 549, 669, 768, Triassic Fossils - - - - -	776
Birds, Bibliography of - - - - -	820
Blatchley, W. S. Indiana Geological Survey, Annual Report. Reviewed by W. N. Logan - - - - -	765
Blue, A. Geological Sketch of New Ontario. Noticed - - - -	751
Boulder Pavement at Wilson, N. Y. G. K. Gilbert - - - -	771
Branner, J. C. On the Origin of Novaculites and Related Rocks - - -	368
Stratigraphy of Southern Ozarks. Reviewed by C. R. Keyes - -	652
Brazilian Evidence of the Genesis of the Diamond. Orville A. Derby -	121
Brigham, Albert Perry. Topography and Glacial Deposits of the Mohawk Valley. (Abstract) - - - - -	211
Brögger, W. C. Referred to - - - - -	790
Brooks, A. H. Metamorphic Rocks of Eastern Alabama. Noticed - -	539
Brown or Yellow Loam of North Mississippi and its Relations to the Northern Drift. T. O. Mabry - - - - -	273
Brush, Geo. J. and S. L. Penfield. Manual of Determinative Mineralogy with an Introduction on Blowpipe Analysis. Reviewed by J. P. Iddings -	756
Bysmaliths. J. P. Iddings - - - - -	704
California, Geographic Relations of Trias of. J. P. Smith - - - -	776
California, Igneous, Metamorphic, and Sedimentary Rocks of Coast Range. W. H. Turner - - - - -	483
Calvin, Samuel. Annual Report Iowa State Survey. Reviewed by J. W. Finch - - - - -	766
On the Classification and Nomenclature of Geologic Time-Divisions -	352

	PAGE
Campbell, M. R. and H. L. Fairchild. Unpublished Observations by. Referred to - - - - -	771
Canada, Annual Report Geological Survey. New Series, Vol. IX. G. M. Dawson. Reviewed by R. D. George - - - - -	857
Canada, Glaciation of North Central. J. B. Tyrrell - - - - -	147
Case, E. C. The Development and Geological Relations of the Vertebrates 393, 500, 622, 711, 816	
Cementation as Cause of Crustal Corrugation. C. R. Van Hise - - - - -	54
Chamberlin, T. C. The Ulterior Basis of Time-Divisions and the Classification of Geologic History - - - - -	449
A Systematic Source of Evolution of Provincial Faunas - - - - -	597
The Influence of Great Epochs of Limestone Formation upon the Constitution of the Atmosphere - - - - -	609
Editorials: Continental Shelf Distinguished from Sea Shelf - - - - -	525
Effects of the Spanish War on Popular Interest in Geography and Geology - - - - -	315
Geological Society of America; Montreal Meeting - - - - -	114
Nomenclature, Geological - - - - -	201
Planet DQ and its Significance - - - - -	737
Sea Shelf Distinguished from Continental Shelf - - - - -	525
Reviews: Northward over the Great Ice. R. E. Peary - - - - -	438
Revised Text-Book of Geology, J. D. Dana. Edited by W. N. Rice - - - - -	435
Chemical and Mineral Relationships in Igneous Rocks. Joseph P. Iddings - - - - -	219
Clark, William Bullock. Geology and Physical Features of Maryland. Noticed 534, 535	
On the Classification and Nomenclature of Geologic Time-Divisions - - - - -	340
Clarke, F. W. Referred to - - - - -	791
Clarke, Jno. M. The Naples Fauna in Western New York. Reviewed by Stuart Weller - - - - -	855
Classification and Nomenclature of Geologic Time-Divisions, A Symposium on. Joseph Le Conte; G. K. Gilbert; William Bullock Clark; S. W. Willis-ton; Bailey Willis; C. R. Keyes; Samuel Calvin - - - - -	333
Classification, Genetic of Geological Phenomena. C. R. Keyes - - - - -	809
Classification of Geologic History, The Ulterior Basis of Time-Division and the. T. C. Chamberlin - - - - -	449
Classification of Rock Formations. H. S. Williams - - - - -	671
Classification of the Mississippian Series. Stuart Weller - - - - -	303
Classification of Igneous Rocks, The Geological <i>versus</i> the Petrographical. Whitman Cross - - - - -	79
Claypole, E. W. Transverse Shortening of Appalachians - - - - -	11
Clays of Missouri. C. R. Keyes. Noticed - - - - -	843
Cleavage, Relations to Crustal Shortening - - - - -	29
Clements, J. Morgan. A Study of Some Examples of Rock Variation - - - - -	372
Certain Rocks of Northwestern Alabama. Noticed - - - - -	540
Coal Fields of the Indian Territory, Geological Reconnaissance of. Noah Fields Drake. Reviewed by C. R. Keyes - - - - -	652

	PAGE
Coal Fields, The Middle Coal Measures of the Western Interior. H. F. Bain and A. G. Leonard - - - - -	577
Coal Measures of Arkansas, Marine Fossils from. J. P. Smith. Reviewed by C. R. Keyes - - - - -	652
Coal Measures of Arkansas, Probable Stratigraphical Equivalents of the. Charles R. Keyes - - - - -	356
Coast Ranges, Geology of a Portion of the Southern. H. W. Fairbanks -	551
Coast Ranges of California, Notes on some Igneous, Metamorphic and Sedimentary Rocks of the. H. W. Turner - - - - -	483
Coleman, A. P. Clastic Huronian Rocks of Western Ontario and the Relations between Laurentian and Huronian. (Abstract) - - - - -	212
Quoted as to Toronto Formation - - - - -	248
Referred to - - - - -	750
Colorado, Geology of Denver Basin. Noticed - - - - -	848
Compressed Structure, Note on an Area of. George H. Ashley. (Abstract)	118
Compression, Modulus of. J. W. Powell - - - - -	8
Contact, Le Granit des Pyrénées et ses Phénomènes de. A. Lacroix. Reviewed by R. A. Daly - - - - -	759
Continental Platform. T. C. Chamberlin - - - - -	454
Continental Platform Defined. T. C. Chamberlin - - - - -	599
Cooke, J. P. Referred to - - - - -	791
Cooling as a Cause of Crustal Shortening - - - - -	41
Coprolites, Fucoids or. J. A. Udden. - - - - -	183
Correlations: Minerals in Igneous Rocks - - - - -	223
Palæozoic Sediments - - - - -	654
Triassic of Himalayas and Salt Range - - - - -	782
Triassic Marine Sediments - - - - -	778
Triassic Faunas - - - - -	780
Costa Rica, Portions of, and Isthmus of Panama, Geological History of. R. T. Hill. Reviewed by R. D. Salisbury - - - - -	661
Cowles, H. C. Review: Fossil Plants for Students of Botany and Geology, Vol. I. A. C. Seward - - - - -	436
Crane, W. R. and E. Haworth. Geological Survey of Kansas. Reviewed by W. N. Logan - - - - -	764
Cretaceous Deposits in Southern Minnesota, The So-called. F. W. Sardeson	679
Cretaceous of Southern Coast Range. H. W. Fairbanks - - - - -	559
Cretaceous Lower, Gryphæas of the Texas Region. R. T. Hill and T. W. Vaughan. Bulletin No. 151, U. S. G. S. Reviewed by W. T. Lee -	758
Cretaceous, Toothed Birds from Niobrara of Kansas - - - - -	819
Cripple Creek District, Colorado. W. Cross. Noticed - - - - -	848
Cross, Whitman. The Geological <i>versus</i> the Petrological Classification of Igneous Rocks - - - - -	79
Referred to - - - - -	791
Cripple Creek District Colorado. Noticed - - - - -	848
Crust of the Earth, Movement in the. J. W. Powell. - - - - -	1
Crustal Shortening, Estimates and Causes of. C. R. Van Hise - - - - -	10

	PAGE
Cushing, H. P. Geology of Clinton Co., N. Y. Noticed	527
Syenite-porphry Dikes in Adirondacks	119
Daly, R. A. Review: Le Granit des Pyrénées et ses Phénomènes de Contact.	
A. Lacroix	759
Porphyritic Granite of New Hampshire. Noticed	527
Dana, E. S. Text-Book of Mineralogy, with Treatise on Crystallography and Physical Mineralogy. Reviewed by J. P. Iddings	756
Dana, J. D. Transverse Shortening in Mountain-Making. Noticed	21
Revised Text-Book of Geology. Edited by W. N. Rice. Reviewed by T. C. Chamberlin	435
Darton, N. H. Faulted Region of Herkimer, Fulton, Montgomery, and Saratoga Counties, N. Y. Noticed	529
Darwin, Geo. H. Strains from Secular Cooling. Noticed	42
Davison, Chas. Strains from Cooling. Noticed	45
Dawson, G. M. Annual Report Canadian Geological Survey. Reviewed by R. D. George	857
Derby, Orville A. Brazilian Evidence of the Genesis of the Diamond	121
Notes on Arkansas Novaculite	366
Development and Geological Relations of the Vertebrates. E. C. Case.	
Part I, Fishes	393
Part II, Amphibia	500
Part III, Reptilia	517, 622, 711
Part IV, Aves	816
Part V, Mammalia	820
Diamond, Brazilian Evidence of the Genesis of the. Orville A. Derby	121
Diener. Himalayan Fossils. Referred to	781
Dinosaurs, Relation to Birds	816
Dowling, D. B. Geology of Red Lake Region. Noticed	751
Drake, Noah Fields. Geological Reconnaissance of Coal Fields of Indian Territory. Reviewed by C. R. Keyes	652
Driftless Region of Wisconsin, Studies in the. II. G. H. Squier	182
Dutton, C. E. Insufficiency of Contraction	10, 45

EDITORIALS:

American Association for the Advancement of Science, August 1898	647
Communication. M. E. Wadsworth	417
Carbonic Acid in the Atmosphere. H. F. Bain	113
Effect of the Spanish War on the Popular Interest in Geography and Geology. T. C. C.	315
Geological Nomenclature. T. C. C.	201
Montreal Meeting of the Geological Society of America. T. C. C.	114
Osar, The Etymology and Use of the Word. L. V. Pirsson	201
State Academies of Science. H. F. B.	112
Sea Shelf as Distinguished from Continental Shelf. T. C. C.	524
The New Planet D Q, and its Significance. T. C. C.	737

	PAGE
EDITORIAL: Topographic Map of Omaha and Vicinity. H. F. B. - - -	650
Eldridge, G. H. Reconnaissance of Idaho. Noticed - - - -	847
Ells, R. W. and A. E. Barlow. Geology of Proposed Ottawa Canal. Noticed	852
Ells, R. W. Geology of Quebec. Noticed - - - - -	849
Sands and Clays of Ottawa Basin. (Abstract) - - - - -	117
Emmons, S. F., W. Cross, and G. H. Eldridge. Geology of Denver Basin, Colorado. Noticed - - - - -	848
Eocene, Mammals of - - - - -	822
Eocene of Europe, Birds from - - - - -	819
Epicontinental Basis, The Silurian Fauna Interpreted on. Stuart Weller -	692
Essex County, Mass., Petrographical Province of. H. S. Washington -	787
Evolution of Provincial Faunas, A Systematic Source of. T. C. Chamberlin -	597
Evolution, Restrictional, Expansional, and Provincial. T. C. Chamberlin	458, 600, 604, 605
Fairbanks, H. W. Geology of a Portion of the Southern Coast Ranges - -	551
Referred to - - - - -	777, 779, 784
Fairchild, H. L. Kettles in Glacial Lake Deltas - - - - -	589
Fairchild, H. L. and M. R. Campbell. Unpublished Observations by. Noticed	771
Faults, Relation to Crustal Shortening - - - - -	28
Faunas, A Systematic Source of Evolution of. T. C. Chamberlin - - -	597
Fauna, Silurian, Interpreted on the Epicontinental Basis. Stuart Weller -	692
Fauna, Triassic - - - - -	776
Finch, J. W. Review: Annual Report Iowa State Geological Survey. S. Calvin - - - - -	766
Fishes, Development and Geological Relations of. E. C. Case - - -	393
Bibliography of - - - - -	416
Fissility, Relation to Crustal Shortening - - - - -	31
Fossils, 309, 310, 394, 494, 497, 498, 502, 514, 515, 521, 582, 583, 646, 714, 722, 725, 735, 778, 780, 837	183
Fucoids or Coprolites. J. A. Udden - - - - -	183
Gabb, W. M. Referred to - - - - -	776, 783, 784
Gannett, H. Topographic Atlas U. S., Physiographic Types. Reviewed by W. M. Davis - - - - -	431
Genetic Classification of Geological Phenomena. C. R. Keyes - - -	809
Geographical Relations of the Trias of California. J. P. Smith - - -	776
Geological Section across Southern Indiana, from Hanover to Vincennes. John F. Newsom - - - - -	250
Geological and Geographical Distribution of Mammals. E. C. Case - - -	836
Geological History of Isthmus of Panama and Parts of Costa Rica. R. T. Hill. Reviewed by R. D. Salisbury - - - - -	661
Geological Survey of Canada, Annual Report. Reviewed by R. D. George -	857
Geological Survey of Indiana, Annual Report. Reviewed by W. N. Logan -	765
Geological Survey of Iowa, Annual Report. Reviewed by J. W. Finch -	766
Geological Survey of Kansas, Vol. III. Reviewed by W. N. Logan - -	764

# *INDEX TO VOLUME VI*

865

	PAGE
Geological Survey of New York, Annual Report. Reviewed by Stuart Weller	205
Geological Survey of North Carolina, Bulletin XIII. Reviewed by H. F. Bain	545
Geologie, Lehrbuch der praktischen Arbeits- und Untersuchungsmethoden auf dem Gebiete der Geologie, Mineralogie, und Paleontologie. Von Dr. Konrad Keilhack. Reviewed by R. D. Salisbury	547
Geology of a Portion of the Southern Coast Ranges. H. W. Fairbanks	551
Geology of Marquette District. Noticed	739
Geology, Bibliography, and Index of North American, for 1896. B. F. Weeks. Reviewed by H. F. Bain	763
Revised Text-book of. J. D. Dana. Edited by W. N. Rice. Reviewed by T. C. Chamberlin	435
George, R. D. Review: Annual Report Canadian Geological Survey	857
Gesteinslehre, Elemente der. H. Rosenbusch. Reviewed by J. P. Iddings	754
Gilbert, G. K. Boulder-Pavement at Wilson, N. Y.	771
Classification of Geologic Time-Divisions	338
Referred to	15, 811
Glacial Deposits and Topography of the Mohawk Valley, New York. A. P. Brigham	211
Glacial Lake Deltas, Kettles in. H. L. Fairchild	589
Glacial Outlets, Notes on the Kalamazoo and other Old. C. H. Gordon	477
Glaciation of North Central Canada. J. Burr Tyrrell	147
Glacier, Keewatin	150
Glaciers, Variation of. H. F. Reid	473
Gordon, C. H. Notes on the Kalamazoo and other old Glacial Outlets in Southern Michigan.	477
Gresley, W. S. Organic Markings of Lake Superior Iron Ores. Noticed	748
Hague, A., W. H. Weed and J. P. Iddings. Yellowstone Park. Noticed	846
Hague, A. Igneous Rocks of Yellowstone Park. Noticed	847
Hall, James. Annual Report New York State Survey, 1894. Reviewed by S. Weller	205
Harker, Alfred. Petrology for Students. Reviewed by J. P. Iddings	207
Harvard College, Bulletin of the Museum of Comparative Zoölogy at. Vol. XXVIII, No. 5, pp. 151-285. R. T. Hill. Reviewed by R. D. Salisbury	661
Haworth, E. and W. R. Crane. Geological Survey of Kansas, Vol. III. Reviewed by W. N. Logan	764
Haworth, E. Pre-Cambrian Geology of Southeastern Missouri. Noticed	841
Hayes, C. W. Cleveland Folio Tenn., U. S. G. S. Noticed	537
Heat of Interior of Earth from Tidal Strain	44
Heim, A. Transverse Shortening of the Alps. Noticed	10
Hill, R. T. Geological History of Isthmus of Panama and Portions of Costa Rica. Reviewed by R. D. Salisbury	661
Hill, R. T. and T. W. Vaughan. Lower Cretaceous Gryphæas of Texas Region. Bulletin No. 151, U. S. G. S. Reviewed by W. T. Lee	758



	PAGE
Himalayan Triassic Series - - - - -	782
Hitchcock, C. H. Geology of New Hampshire. Noticed - - - - -	527
Hovey, H. C. Notes on Isles of Shoals. Noticed - - - - -	527
Hubbard, L. L. Copper Vein, Keweenaw Point. Noticed - - - - -	749
Huronian Clastic Rocks of Western Ontario and Relations between Laurentian and Huronian. A. P. Coleman. (Abstract) - - - - -	212
Hyatt, A. Referred to - - - - -	777, 779, 784
Hypothesis to account for the Movement in the Crust of the Earth, An. J. W. Powell - - - - -	I
Idaho, Geological Reconnaissance. G. H. Eldridge. Noticed - - - - -	847
Iddings, J. P. On Rock Classification - - - - -	92
Chemical and Mineral Relationships in Igneous Rocks - - - - -	219
Bysmaliths - - - - -	704
Reviews: Manual of Determinative Mineralogy, with Introduction on Blowpipe Analyses. Geo. J. Brush and S. L. Penfield - - - - -	756
Petrology for Students. An Introduction to the Study of Rocks under the Microscope. Alfred Harker - - - - -	207
Text-Book of Mineralogy, with a Treatise on Crystallography and Phys- ical Mineralogy. E. S. Dana - - - - -	756
Volcanoes of North America. I. C. Russell - - - - -	434
Iddings, J. P. and Cross, W. Referred to - - - - -	793
Igneous Rocks, Classification of. Whitman Cross - - - - -	79
Igneous Rocks, Chemical and Mineral Relationships in. Joseph P. Iddings - -	219
Illinoian Till Sheet and Iowan Loess, Weathered Zone between. F. Leverett	171
Illinoian and Kansan Till Sheets, Weathered Zone between. F. Leverett -	238
Indian Territory, Geological Reconnaissance of Coal Fields of. N. F. Drake.	
Reviewed by C. R. Keyes - - - - -	652
Indiana Geological Survey Annual Report. W. S. Blatchley. Reviewed by W. N. Logan - - - - -	765
Indiana, Notes on Ohio Valley in Southern. A. C. Veatch - - - - -	257
Indiana, Geological Section across Southern, from Hanover to Vincennes. Jno. F. Newsom - - - - -	250
Indiana, Notes on Area of Compressed Structure in Western. G. H. Ashley -	118
Influence of Great Epochs of Limestone Formation upon the Constitution of the Atmosphere. T. C. Chamberlin - - - - -	609
Iowa, Geological Survey, Annual Report. S. Calvin. Reviewed by J. W. Finch - - - - -	766
Iowan Loess and Illinoian Till Sheet, Weathered Zone between. F. Leverett	171
Jefferson, M. S. W. The Postglacial Connecticut at Turners Falls, Mass. -	463
Jointing, Relation of, to Crustal Shortening - - - - -	24
Jurassic, Mammals of - - - - -	822
Jurassic of Southern Coast Ranges - - - - -	556
Kalamazoo and Other Glacial Outlets of Southern Michigan. C. H. Gordon -	477

	PAGE
Kansan and Illinoian Till Sheets, Weathered Zone between. F. Leverett -	238
Kansas, Geological Survey, Vol. III. E. Haworth and W. R. Crane. Reviewed by W. N. Logan - - - - -	764
Keewatin Glacier - - - - -	150
Keilhack, Von Dr. Konrad. Lehrbuch der praktischen Geologie. Arbeits- und Untersuchungsmethoden auf dem Gebiete der Geologie, Mineralogie und Paläontologie. Reviewed by R. D. Salisbury - - -	547
Kemp, J. F. Geology of Essex County, N. Y. Noticed - - - -	528
Magnetites near Port Henry, N. Y. Noticed - - - -	529
Ore Deposits at Franklin Furnace and Ogdensburg, N. J. Noticed -	530
Kettles in Glacial Lake Deltas. H. L. Fairchild - - - -	589
Keyes, C. R. Genetic Classification of Geological Phenomena - - -	809
On the Classification and Nomenclature of Geologic Time-Divisions -	347
The Use of Local Names in Geology - - - - -	161
Probable Stratigraphical Equivalents of the Coal Measures of Arkansas	356
Age of Sioux Quartzite. Noticed - - - - -	840
Characteristics of Ozark Mountains. Noticed - - - - -	841
Clays of Missouri. Noticed - - - - -	843
Central Maryland Granites. Noticed - - - - -	535
Granites and Porphyries of Ozarks. Noticed - - - - -	842
Reviews: Batesville Sandstone of Arkansas. Stuart Weller - - -	652
Geological Reconnaissance of the Coal Fields of Indian Territory. N. F. Drake - - - - -	652
Marine Fossils from Coal Measures of Arkansas. J. P. Smith - -	652
Stratigraphy of Southern Ozarks; Thickness of Palæozoic Sediments in Arkansas. J. C. Branner - - - - -	652
Keyes, C. R., and E. Haworth. Geology of Mine Le Mot Sheet. Noticed -	842
Keyserling. Referred to - - - - -	776
Kimball, J. P. Magnetite Belt of Cranberry, N. C. Noticed - - - -	536
King, F. P. Corundum Deposits of Georgia. Noticed - - - -	538
Kümmel, H. B. Newark System or Red Sandstone Belt, N. J. Reviewed by R. D. Salisbury - - - - -	659
Lacroix, A. Le Granit des Pyrénées et ses Phénomènes de Contact. Reviewed by R. A. Daly - - - - -	759
Laurentian and Huronian, Clastic Huronian Rocks of Western Ontario and the Relations between. A. P. Coleman. (Abstract) - - -	212
Lawson, A. C. Malignite. Noticed - - - - -	750
Le Conte, Joseph. On the Classification and Nomenclature of Geologic Time-Divisions - - - - -	337
Transverse Shortening in Mountain-Making. Noticed - - -	II, 15
Lee, W. T. Review: Lower Cretaceous Gryphæas of Texas Region. R. T. Hill and T. W. Vaughan - - - - -	758
Lehrbuch der praktischen Geologie. Arbeits- und Untersuchungsmethoden auf dem Gebiete der Geologie, Mineralogie und Paläontologie. Von Dr. Konrad Keilhack. Reviewed by R. D. Salisbury - - - -	547

	PAGE
Leith, C. K. Summaries of Current North American pre-Cambrian Literature	527, 739, 840
Leonard, A. G. and H. F. Bain. The Middle Coal Measures of the Western Interior Coal Fields - - - - -	577
Leverett, Frank. The Weathered Zone (Sangamon) between the Iowan Loess and Illinoian Till Sheet - - - - -	171
The Weathered Zone (Yarmouth) between the Illinoian and Kansan Till Sheets - - - - -	238
The Peorian Soil and Weathered Zone (Toronto Formation ?) - -	244
Limestone Formation, Influence of Great Epochs of, upon the Constitution of the Atmosphere. T. C. Chamberlin - - - - -	609
Loam, Brown or Yellow, of North Mississippi and Its Relations to Northern Drift. T. O. Mabry - - - - -	273
Local Names in Geology, The Use of. Charles R. Keyes - - - - -	161
Loess Loam, Origin and Age of - - - - -	295
Logan, W. N. Reviews :	
Geological Survey of Kansas, Vol. III. E. Haworth and W. R. Crane	764
Geological Survey of Indiana, Annual Report. W. S. Blatchley - -	765
Mabry, T. O. The Brown or Yellow Loam of North Mississippi, and its Relations to the Northern Drift - - - - -	273
Madagascar, Post-Pleistocene Birds of - - - - -	818
Mammalia, Development and Geological Relations of. E. C. Case - -	820
Mammalia, Bibliography of - - - - -	839
Mammalia, Geological and Geographical Distribution of - - - - -	836
Manual of Determinative Mineralogy, with an Introduction on Blowpipe Analysis. Geo. J. Brush and S. L. Penfield. Reviewed by J. P. Iddings -	756
Marquette District, Geology of. Van Hise, Bayley and Smyth. Noticed -	739
Massachusetts, Postglacial Connecticut at Turners Falls. M. S. W. Jefferson -	463
Matthew, W. D. Referred to - - - - -	794
McConnel, R. G. Transverse Shortening in Laramie Range - - - - -	11
Exploration of Finlay and Omenica Rivers - - - - -	843
McGee, W. J. Referred to - - - - -	811
Mediterranean Triassic Sediments - - - - -	778
Merrill, F. J. H. Mineral Resources of New York. Noticed - - - - -	530
Merrill, G. P. Rocks, Rock Weathering and Soils. Reviewed by C. - -	208
Mexico, Bibliografía, Geológica y Minera de la República Mexicana. R. Aguilar. Reviewed by H. F. Bain - - - - -	763
Middle Coal Measures of the Western Interior Coal Fields. H. F. Bain and A. G. Leonard - - - - -	577
Miller, Hugh. On Boulder Glaciation. Noticed - - - - -	775
Mine Le Mot Sheet, Geology of. Noticed - - - - -	841
Mineralogy, Bibliography and Index of North American, for 1896. F. B. Weeks. Reviewed by H. F. Bain - - - - -	763
Mineralogy, Text-Book of, with Treatise on Crystallography and Physical Mineralogy. E. S. Dana. Reviewed by J. P. Iddings - - - - -	756

	PAGE
Mineralogy, Manual of Determinative, with Introduction on Blowpipe Analysis. Geo. J. Brush and S. L. Penfield. Reviewed by J. P. Iddings -	757
Minnesota, The So-called Cretaceous Deposits in Southern. F. W. Sardeson	679
Miocene Mammals - - - - -	838
Mississippi, The Brown or Yellow Loam of North, and its Relations to the Northern Drift. T. O. Mabry - - - - -	273
Mississippian Series, Classification of the. Stuart Weller - - - - -	303
Missouri, Pre-Cambrian of Southeastern. E. Haworth. Noticed - - - - -	841
Modulus of Compression, Accelerated. J. W. Powell - - - - -	8
Mohawk Valley, Topography and Glacial Deposits of the. A. P. Brigham (Abstract) - - - - -	211
Mojsisovichs, E. Von. Referred to - - - - -	776, 783, 784, 785
Montana, Little Rocky Mountains. Noticed - - - - -	846
Montana, Castle Mountain Mining District. Noticed - - - - -	845
Movement in the Crust of the Earth, An Hypothesis to Account for the. J. W. Powell - - - - -	1
Names, Use of Local, in Geology. C. R. Keyes - - - - -	161
Naples Fauna in Western New York. John M. Clarke. XVI Ann. Rep. N. Y. S. G. S. Reviewed by Stuart Weller - - - - -	855
Natchez Formation. T. C. Chamberlin. Noticed - - - - -	290
Newark System or Red Sandstone Belt. H. B. Kümmel. Reviewed by R. D. Salisbury - - - - -	659
Newsom, John F. A Geological Section across Southern Indiana, from Hanover to Vincennes - - - - -	250
Newett, G. A. Marquette Iron District. Noticed - - - - -	748
New Jersey, Newark System or Red Sandstone Belt. H. B. Kümmel. Reviewed by R. D. Salisbury - - - - -	659
New York, Annual Report of State Geologist. James Hall. Reviewed by Stuart Weller - - - - -	205
New York State Geological Survey, Annual Report, pp. 31-165. Naples Fauna in Western New York. J. M. Clarke. Reviewed by Stuart Weller - - - - -	855
New Zealand, "Moas" or Dinornithidæ of - - - - -	818
Note on an Area of Compressed Structure in Western Indiana. George H. Ashley. (Abstract) - - - - -	118
Note on the Pressure within the Earth. Charles S. Slichter - - - - -	65
Notes on the Kalamazoo and other old Glacial Outlets in Southern Michigan. C. H. Gordon - - - - -	477
Notes on the Ohio Valley in Southern Indiana. Arthur C. Veatch - - - - -	257
Notes on some Igneous, Metamorphic and Sedimentary Rocks of the Coast Ranges of California. H. W. Turner - - - - -	483
Novaculite, Notes on Arkansas. Orville A. Derby - - - - -	366
Novaculites and Related Rocks, On the Origin of. J. C. Branner - - - - -	368
Oceanic Basins, Evolution of - - - - -	453

	PAGE
Ohio River Cut-off. A. C. Veatch - - - - -	263
Ohio Valley in Southern Indiana, Notes on the. Arthur C. Veatch - -	257
On the Origin of Certain Siliceous Rocks.	
I. Notes on Arkansas Novaculite. Orville A. Derby - - -	366
II. On the Origin of Novaculites and Related Rocks. J. C. Branner	368
Organic Markings on Marquette Iron Ores. Noticed - - - -	784
Osann, A. Petrography of the Apache Mountains. Noticed - - -	849
Ostracoderms, Development and Geological Relations of - - -	399
Ottawa Basin, Sands and Clays of the. R. W. Ells. (Abstract) - - -	117
Ozarks, Stratigraphy of the Southern. J. C. Branner. Reviewed by C. R.	
Keyes - - - - -	652
Palaeontology, Bibliography and Index of North American, for 1896. F. B.	
Weeks. Reviewed by H. F. Bain - - - - -	763
Palaeozoic Sediments of Arkansas, Thickness of. J. C. Branner. Reviewed by	
C. R. Keyes - - - - -	652
Panama, Isthmus of, and Portions of Costa Rica, Geological History of. R.	
T. Hill. Reviewed by R. D. Salisbury - - - - -	661
Peale, A. C. Three Forks Folio, U. S. G. S. Noticed - - - -	844
Peary, R. E. Northward over the Great Ice. Reviewed by T. C. Chamberlin	438
Penfield, S. L. Manual of Determinative Mineralogy, etc. Reviewed - -	756
Penhallow, D. P. Quoted as to Toronto Formation - - - -	248
Peorian Soil and Weathered Zone (Toronto Formation?). Frank Leverett -	244
Petrographical Province of Essex County, Mass. I. H. S. Washington -	787
Physics and Chemistry of Solids. Professor Spring. Reviewed by C. F. Tol-	
man, Jr. - - - - -	318
Physiographic Types. Topographic Atlas of the United States. Henry Gan-	
nett. Reviewed by W. M. Davis - - - - -	431
Pirsson, L. V. Etymology and Use of the word <i>Osar</i> . (Editorial) - - -	201
Pirsson, L. V. and W. H. Weed. Castle Mountain Mining District. Noticed	
Little Rocky Mountains, Montana. Noticed - - - -	845
Plants, Fossil, for Students of Geology and Botany. Vol. I. A. C. Seward.	
Reviewed by Henry C. Cowles - - - - -	436
Pliocene Mammals - - - - -	827
Postglacial Connecticut at Turners Falls, Massachusetts. M. S. W. Jefferson	463
Powell, J. W. An Hypothesis to Account for the Movement in the Crust of the	
Earth - - - - -	1
Pre-Cambrian Geology of Southeastern Missouri. Noticed - - - -	841
Pre-Cambrian Geology, Principles of. C. R. Van Hise. Reviewed by Bailey	
Willis - - - - -	419
Pre-Cambrian Literature, Summaries of Current North American. C. K. Leith	
	527, 739, 840
Pressure within the Earth, Note on the. Charles S. Slichter - - - -	65
Probable Stratigraphical Equivalents of the Coal Measures of Arkansas. Charles	
R. Keyes - - - - -	356
Provincial Faunas, A Systematic Source of Evolution of. T. C. Chamberlin	597

# *INDEX TO VOLUME VI*

871

	PAGE
Quebec, Geology of. R. W. Ells. Noticed - - - - -	849
Ransome, F. L., and H. W. Turner, U. S. Geologic Atlas, Folio 41, Sonora, Cal. Noticed - - - - -	441
RECENT PUBLICATIONS - - - - -	214, 444, 549, 669, 768
Reid, Harry Fielding. The Variation of Glaciers - - - - -	473
Reptilia, Development and Geological Relations of the. E. C. Case	517, 622, 711
Reptilia, Bauer's Scheme of Evolution of - - - - -	735
Reptilia, Bibliography of. E. C. Case - - - - -	646
<b>REVIEWS :</b>	
Bulletin of the American Museum of Natural History, Vol. IX. (Stuart Weller) - - - - -	326
Canadian Geological Survey N. S., Vol. IX, 1896. G. M. Dawson. (R. D. George) - - - - -	857
Elemente der Gesteinslehre. II. Rosenbusch. (J. P. I.) - - - - -	754
Fossil Plants for Students of Botany and Geology, Vol. I. A. C. Sew- ard. (Henry C. Cowles.) - - - - -	436
Fourteenth Annual Report of the New York State Geologist for 1894. James Hall. (Stuart Weller.) - - - - -	205
Geological History of the Isthmus of Panama and Portions of Costa Rica. Robert T. Hill. (R. D. S.) - - - - -	661
Geological Survey of Kansas, Vol. III, 1898. Dr. E. Haworth and W. R. Crane. (W. N. Logan.) - - - - -	764
Le Granit des Pyrénées et ses Phénomènes de Contact. A. Lacroix. (R. A. Daly.) - - - - -	759
Lehrbuch der praktischen Geologie. Arbeits- und Untersuchungsme- thoden auf dem Gebiete der Geologie, Mineralogie, und Paleontolo- gie. Von Dr. Konrad Keilhack. (R. D. S.) - - - - -	547
Lower Cretaceous Gryphæas of the Texas Region. Robert T. Hill and Thomas Wayland Vaughan. (W. T. Lee.) - - - - -	758
Manual of Determinative Mineralogy, with an Introduction on Blow- pipe Analysis. George J. Brush and S. L. Penfield. (J. P. I.) - - - - -	756
Naples Fauna in Western New York. John M. Clarke. XVI Annual Report of State Geologist, pp. 31-165. James Hall. (Stuart Weller)	855
Newark System or Red Sandstone Belt (of New Jersey). Henry B. Kümmel. (R. D. S.) - - - - -	659
North Carolina Geological Survey, Bulletin 13; Clay Deposits and Clay Industry in North Carolina. Heinrich Reis. (H. F. Bain.) - - - - -	545
Northward Over the "Great Ice." Robert E. Peary. (T. C. C.) - - - - -	438
Petrology for Students, an Introduction to the Study of Rocks under the Microscope. Alfred Harker. (J. P. I.) - - - - -	207
Professor Spring on the Physics and Chemistry of Solids. (C. F. Tol- man, Jr.) - - - - -	318
Revised Text-Book of Geology. James. D. Dana. Edited by William North Rice. (T. C. C.) - - - - -	435
Rocks, Rock Weathering, and Soils. G. P. Merrill. (C.) - - - - -	208

	PAGE
REVIEWS: Recent Bibliographies: Bibliography and Index of North American Geology, Palæontology, Petrography and Mineralogy for 1896. F. B. Weeks; Bibliografía Geológica y Minera de la República Mexicana. R. Aguilar. (H. F. B.) - - - - -	763
Sixth Annual Report Iowa State Geological Survey. Samuel Calvin. (J. W. Finch.) - - - - -	766
Stratigraphy of the Southern Ozarks: Thickness of the Palæozoic Sedi- ments in Arkansas. J. C. Branner; Batesville Sandstone of Arkan- sas. Stuart Weller; Marine Fossils from the Coal Measures of Arkansas. James Perrin Smith; Geological Reconnaissance of the Coal Fields of the Indian Territory. Noah Fields Drake. (C. R. Keyes.) - - - - -	652
Text-Book of Mineralogy, with an Extended Treatise on Crystallogra- phy and Physical Mineralogy. E. S. Dana. (J. P. I.) - - -	756
Topographic Atlas of the United States. <i>Physiographic Types</i> . Henry Gannett. (W. M. Davis.) - - - - -	431
Twenty-Second Annual Report Indiana Geological Survey. W. S. Blatchley, State Geologist. (W. N. Logan.) - - - - -	765
United States Geologic Atlas, Folio 37, Downieville, Cal., 1897 - -	324
United States Geologic Atlas, Folio 41, Sonora, Cal. H. W. Turner and F. L. Ransome. - - - - -	441
United States Geologic Atlas, Folio 42, Bidwell Bar, Cal. H. W. Turner. - - - - -	542
Van Hise's Principles of Pre-Cambrian Geology. Bailey Willis - -	419
Volcanoes of North America. Israel C. Russell. (J. P. I.) - - -	434
Reis, Heinrich. North Carolina Geological Survey. Bulletin 13. Clay Deposits and Clay Industry in North Carolina. Reviewed by H. F. Bain - - - - -	545
Revised Text-book of Geology. J. D. Dana. Edited by W. N. Rice. Reviewed by T. C. Chamberlin - - - - -	435
Rice, W. N. Revised Text-book of Geology. J. D. Dana. Reviewed by T. C. Chamberlin - - - - -	435
Riggs, R. B. Referred to - - - - -	791
Rock Classification. J. P. Iddings - - - - -	92
Rock Variation, a Study of Some Examples of. J. Morgan Clements - -	372
Rocks, the Geological <i>versus</i> the Petrographical Classification of Igneous. Whitman Cross - - - - -	79
Rosenbusch, H. Referred to - - - - -	796
Classification of Rocks discussed - - - - -	87
Elemente der Gesteinslehre. Reviewed by J. P. Iddings - - -	754
Rotation, Change of, as a Cause of Crustal Corrugation. C. R. Van Hise -	54
Russell, I. C. Volcanoes of North America. Reviewed by J. P. Iddings -	434
Salisbury, R. D. Reviews:	
Geological History of the Isthmus of Panama and Portions of Costa Rica. R. T. Hill - - - - -	661

	PAGE
Salisbury, R. D. Reviews : Lehrbuch der praktischen Geologie. Arbeits- und Untersuchungsmethoden auf dem Gebiete der Geologie, Mineralogie und Paleontologie. Von Dr. Konrad Keilhack - - - -	547
Newark System or Red Sandstone Belt of New Jersey. Henry B. Kümmel - - - - -	659
Salt Range, Triassic Series of - - - - -	782
Salter, J. W. Referred to - - - - -	776
Sands and Clays of the Ottawa Basin. R. W. Ells. (Abstract.) - - -	117
Sangamon, Weathered Zone between Iowan Loess and Illinoian Till Sheet. F. Leverett - - - - -	171
Sapper, C. Geology of Yucatan. Noticed - - - - -	849
Sardeson, F. W. The So-called Cretaceous Deposits in Southern Minnesota -	679
Seares, J. H. Referred to - - - - 787, 788, 789, 793, 794, 796, 805, 807	
Shaler, N. S. Referred to - - - - - 34, 789, 790, 793	
Shortening, Transverse in Mountain-Making. C. R. Van Hise - - -	10
Siliceous Rocks, On the Origin of Certain.	
I. Notes on Arkansas Novaculite. O. A. Derby - - - - -	366
II. Novaculites and Related Rocks. J. C. Branner - - - - -	368
Silurian Fauna Interpreted on the Epicontinental Basis, The. Stuart Weller	692
Slichter, Charles S. Note on the Pressure within the Earth - - - -	65
Smith, J. P. Geographic Relations of the Trias of California - - -	776
Smith, E. A. Crystalline Rocks of Alabama. Noticed - - - - -	339
Smyth, Charles H. Jr. Weathering of Alnoite in Manheim, N. Y. (Abstract.)	331
Pre-Cambrian of the Thousand Islands. Noticed - - - - -	854
So-called Cretaceous Deposits in Southern Minnesota. F. W. Sardeson -	679
Soils, Rocks and Rock Weathering. G. P. Merrill. Reviewed by C. - -	208
Southern Indiana, from Hanover to Vincennes, A Geological Section across. John F. Newsom - - - - -	250
Specialization in Habits of Mammals - - - - -	834
Spring, Professor. Physics and Chemistry of Solids. Reviewed by C. F. Tolman, Jr. - - - - -	318
Stoddard, O. N. Referred to - - - - -	771
Strachey, R. Referred to - - - - -	776
Stratigraphical Equivalent of the Coal Measures of Arkansas. C. R. Keyes -	356
Stratigraphy, Triassic of California. Noticed - - - - -	779
Structure, Compressed, Notes on Area of. G. H. Ashley - - - - -	118
Studies in the Driftless Region of Wisconsin, II. G. H. Squier - - -	182
STUDIES FOR STUDENTS:	
The Development and Geological Relations of the Vertebrates. E. C. Case - - - - -	393, 500, 622, 711, 816
Study of Some Examples of Rock Variation. J. Morgan Clements - - -	372
Summaries of Current North American Pre-Cambrian Literature. C. K. Leith.	527, 739, 840
SURVEYS:	
Canadian Geological Survey, N. S., Vol. IX. Reviewed by R. D. George - - - - -	857



	PAGE
SURVEYS:	
Indiana Geological Survey, Vol. XXII. Reviewed by W. N. Logan	765
Iowa State Geological Survey. Reviewed by J. W. Finch	766
Kansas Geological Survey. Vol. III, 1898. Reviewed by W. N. Logan	764
North Carolina Geological Survey. Bulletin 13. Reviewed by H. F. Bain	545
New York Geological Survey. Ann. Rep. Reviewed by S. Weller	205
New York State Geological Survey. XVI Ann. Rep. The Naples Fauna. Reviewed by Stuart Weller	855
Squier, G. H. Studies in the Driftless Region of Wisconsin	182
Syenite-porphry Dikes in the Adirondacks. H. P. Cushing. (Abstract.)	119
Symposium on the Classification and Nomenclature of Geologic Time-Divisions: Joseph Le Conte, 337; G. K. Gilbert, 338; Wm. Bullock Clark, 340; S. W. Williston, 342; Bailey Willis, 345; C. R. Keyes, 347; Samuel Calvin, 352.	
Systematic Source of Evolution of Provincial Faunas. T. C. Chamberlin	597
Tertiary of Southern Coast Ranges	561
Texas; Petrography of the Apache Mountains. A. Osann	849
Text-book, Revised, of Geology. J. D. Dana. Edited by W. N. Rice. Reviewed by T. C. Chamberlin	435
Todd, J. E. Geology of South Dakota. Noticed	840
Tolman, C. F., Jr. Review: Physics and Chemistry of Solids. Professor Spring	318
Topography and Glacial Deposits of the Mohawk Valley. Albert Perry Brigham. (Abstract.)	211
Trias of California, Geographic Relations of. J. P. Smith	776
Triassic, Dinosaurs of	817
Triassic Fauna	776
Triassic Fossils, Bibliography of	776
Triassic, Mammals of the	820
Turner, H. W. Notes on Some Igneous, Metamorphic, and Sedimentary Rocks of the Coast Ranges	483
Turner, H. W. and F. L. Ransome. U. S. Geologic Atlas; Folio 41, Sonora, Cal.	441
Turner, H. W. U. S. Geologic Atlas; Folio 42, Bidwell Bar, Cal.	542
Turners Falls, Mass., Post Glacial Connecticut at. M. S. W. Jefferson	463
Tyrrell, J. Burr. The Glaciation of North Central Canada	147
Udden, J. A. Fucoids or Coprolites	183
Ultior Basis of Time Divisions and the Classification of Geologic History. T. C. Chamberlin	449
Ussing, Medd. om Grönland. Noticed	790
Van Hise, C. R. Estimates and Causes of Crustal Shortening	10
Geology of the Marquette District. Noticed	739

	PAGE
Variation, Rock, A Study of Some Examples of. J. Morgan Clements - -	372
Variations of Glaciers. Harry Fielding Reid - - - - -	473
Vaughan, T. W. and R. T. Hill. Lower Cretaceous Gryphæas of the Texas Region. Reviewed by W. T. Lee - - - - -	758
Veatch, Arthur C. Notes on the Ohio Valley in Southern Indiana - -	257
Vertebrates, The Development and Geological Relations of. E. C. Case. 393, 500, 622, 711, 816	
Volcanoes of North America. I. C. Russell. Reviewed by J. P. Iddings -	434
Vulcanism, Relations of, to Crustal Shortening - - - - -	32, 47
Wadsworth, M. E. Zirkelite — A Question of Priority - - - - -	199
Communication from - - - - -	417
Referred to - - - - -	789, 796
Waggen. Salt Range Fossils. Noticed - - - - -	781
Walcott, C. D. Referred to - - - - -	780
Washington, Henry S. Petrographical Province of Essex County, Mass. I. -	787
Weathered Zone (Sangamon) between the Iowan Loess and Illinoian Till Sheet. Frank Leverett - - - - -	171
Weathered Zone (Yarmouth) between the Illinoian and Kansan Till Sheets. Frank Leverett - - - - -	238
Weathered Zone (Toronto Formation?), The Peorian Soil and. Frank Leverett	244
Weathering, Rock, Rocks and Soils. G. P. Merrill. Reviewed by C. - -	208
Weed, W. H. and L. V. Pirsson. Castle Mountain Mining District, Montana. Noticed - - - - -	846
Weeks, F. B. Bibliography and Index of North American Geology, Palæon- tology, Petrography, and Mineralogy. Reviewed by H. F. Bain -	763
Weller, Stuart. Batesville Sandstone of Arkansas. Reviewed by C. R. Keyes	652
Classification of the Mississippian Series - - - - -	303
The Silurian Fauna Interpreted on the Epicontinental Basis - -	692
Reviews: Bulletin of American Museum of Natural History, Vol. IX. -	326
Fourteenth Annual Report of New York State Geologist. Jas. Hall -	205
Naples Fauna in Western New York. John M. Clarke. XVI Annual Report New York Geological Survey - - - - -	855
Westgate, L. C. Geology of Jenny Jump Mountain. Noticed - - -	531
Wheeler, H. A. Clay Deposits of Missouri. Noticed - - - - -	843
Whitney, J. D. Referred to - - - - -	776
White, C. A. Referred to - - - - -	776
White, T. G. Geology of Essex and Willsboro' Townships, Essex County, N. Y. Noticed - - - - -	528
Referred to - - - - -	793
Williams, G. H. and W. B. Clark. Geology and Physical Features of Mary- land. Noticed - - - - -	532
Williams, G. H. Middle Atlantic Piedmont Plateau. Noticed - - -	533
Referred to - - - - -	787
Willis, Bailey. On the Classification and Nomenclature of Geologic Time- Divisions - - - - -	345

	PAGE
Willis, Bailey. Review: Van Hise's Principles of Pre-Cambrian Geology -	419
Referred to - - - - -	19
Williston, S. W. On the Classification and Nomenclature of Geologic Time-	
Divisions - - - - -	342
Williams, H. S. The Classification of Rock Formations - - - -	671
Wilson, N. Y., Boulder-Pavement at. G. K. Gilbert - - - -	771
Winchell, H. V. Iron Ranges of Minnesota. Noticed - - - -	750
Wisconsin, Studies in the Driftless Region of, II. G. H. Squier - - -	182
Wolff, J. E. Eruptives of Sussex County, N. J. Noticed - - - -	531
Woodward, S. Vertebrate Palæontology. Quoted - - - -	818
Yarmouth: Weathered Zone between Illinoian and Kansan Till Sheets. F.	
Leverett - - - - -	238
Yellowstone Park, Igneous Rocks of. A. Hague. Noticed - - - -	847
Yucatan, Geology of. C. Sapper. Noticed - - - -	849
Zirkelite, A Question of Priority. M. E. Wadsworth - - - -	199